

SEQUENCE LISTING

<110> Lim, Wendell
Dueber, John
Yeh, Brian

<120> Protein Logic Gates

<130> SF03-114

<160> 22

<170> PatentIn version 3.2

<210> 1
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 1

Tyr Glu Glu Ile
1

<210> 2
<211> 16
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 2

Lys Lys His Thr Asp Asp Gly Tyr Met Pro Met Ser Pro Gly Val Ala
1 5 10 15

<210> 3
<211> 13
<212> PRT
<213> Artificial

<220>

<223> consensus sequence

<400> 3

Thr Ser Thr Glu Pro Gln Tyr Gln Pro Gly Glu Asn Leu

1

5 10

<210> 4

<211> 4

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<220>

<221> misc_feature

<222> (3)..(3)

<223> Xaa can be any naturally occurring amino acid

<400> 4

Asn Pro Xaa Tyr

1

<210> 5

<211> 6

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 5

Ile Ile Asn Pro Gln Tyr

1

5

<210> 6

<211> 9

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 6

Leu Tyr Ala Ser Ser Asn Pro Glu Tyr

1 5

<210> 7

<211> 6

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 7

Tyr Glu Asn Pro Thr Tyr

1 5

<210> 8

<211> 5

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 8

Pro Pro Pro Pro Tyr

1 5

<210> 9

<211> 5

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 9

Pro Pro Pro Asn Tyr

1 5

<210> 10

<211> 4

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 10

Pro Pro Leu Pro

1

<210> 11

<211> 4

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<220>

<221> misc_feature

<222> (2)..(3)

<223> Xaa can be any naturally occurring amino acid

<400> 11

Pro Xaa Xaa Pro

1

<210> 12

<211> 8

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<220>
<221> misc_feature
<222> (3)..(4)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (6)..(7)
<223> Xaa can be any naturally occurring amino acid

<400> 12

Arg Lys Xaa Xaa Pro Xaa Xaa Pro
1 5

<210> 13
<211> 6
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<220>
<221> misc_feature
<222> (2)..(3)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa can be any naturally occurring amino acid

<400> 13

Pro Xaa Xaa Pro Xaa Arg
1 5

<210> 14
<211> 7
<212> PRT
<213> Artificial

<220>

<223> consensus sequence

<400> 14

Arg Pro Leu Pro Val Ala Pro

1 5

<210> 15

<211> 10

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 15

Pro Pro Pro Ala Leu Pro Pro Lys Lys Arg

1 5 10

<210> 16

<211> 8

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 16

Arg Lys Gly Asp Tyr Ala Ser Tyr

1 5

<210> 17

<211> 5

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<220>

<221> misc_feature

<222> (2)..(3)

<223> Xaa can be any naturally occurring amino acid

<400> 17

Trp Xaa Xaa Gln Phe

1 5

<210> 18

<211> 5

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 18

Ile Glu Ser Asp Val

1 5

<210> 19

<211> 5

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 19

Val Glu Thr Asp Val

1 5

<210> 20

<211> 7

<212> PRT

<213> Artificial

<220>

<223> consensus sequence

<400> 20

Pro Pro Pro Pro Gly His Arg
1 5

<210> 21
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 21

Ala Lys Leu Tyr
1

<210> 22
<211> 4
<212> PRT
<213> Artificial

<220>
<223> consensus sequence

<400> 22

Glu Glu Val Asp
1